

ABSTRACT

5 The seal temperature of a reflector lamp having a ceramic metal
halide light source is reduced by a light absorbing layer which
is provided in a region of the outer jacket adjacent to the
electrode seal. Light reflected within the neck cavity of the
reflector lamp impinges on the light absorbing layer and is
absorbed before it can reach the electrode seal which is at
10 least partially located in the neck of the reflector. The heat
from the absorbed light is conducted into the base of the lamp
to be dissipated in the socket.